



**LKT Laboratories, Inc.**

**Brain Injury-derived Neurotrophic Peptide (3)**

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## Product Information

**Product ID** B3346

**CAS No.**

**Chemical Name**

**Synonym** BINP

**Formula** C<sub>62</sub>H<sub>101</sub>N<sub>17</sub>O<sub>19</sub>

**Formula Wt.** 1388.58

**Melting Point**

**Purity** ≥98%

**Solubility** Soluble in water.

Glu-Ala-Leu-Glu-Leu-Ala-Arg-  
Gly-Ala-Ile-Phe-Gln-Ala

<b>Product ID</b>	<b>Size</b>
B3346	1 mg
B3346	2 mg
B3346	5 mg

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** This peptide supports neuronal survival and protects neurons in glutamate-induced cell death assays.

**References** Hama T, Maruyama M, Katoh-Semba R, et al. Identification and molecular cloning of a novel brain-specific receptor protein that binds to brain injury-derived neurotrophic peptide. Possible role for neuronal survival. *J Biol Chem.* 2001 Aug 24;276(34):31929-35. PMID: 11399754.

Hama T, Murayama M, Kato R, et al. Amphiphilic helix is essential for the activity of brain injury-derived neurotrophic peptide (BINP). *FEBS Lett.* 1996 Nov 4;396(2-3):143-6. PMID: 8914976.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.